

FIG. 1

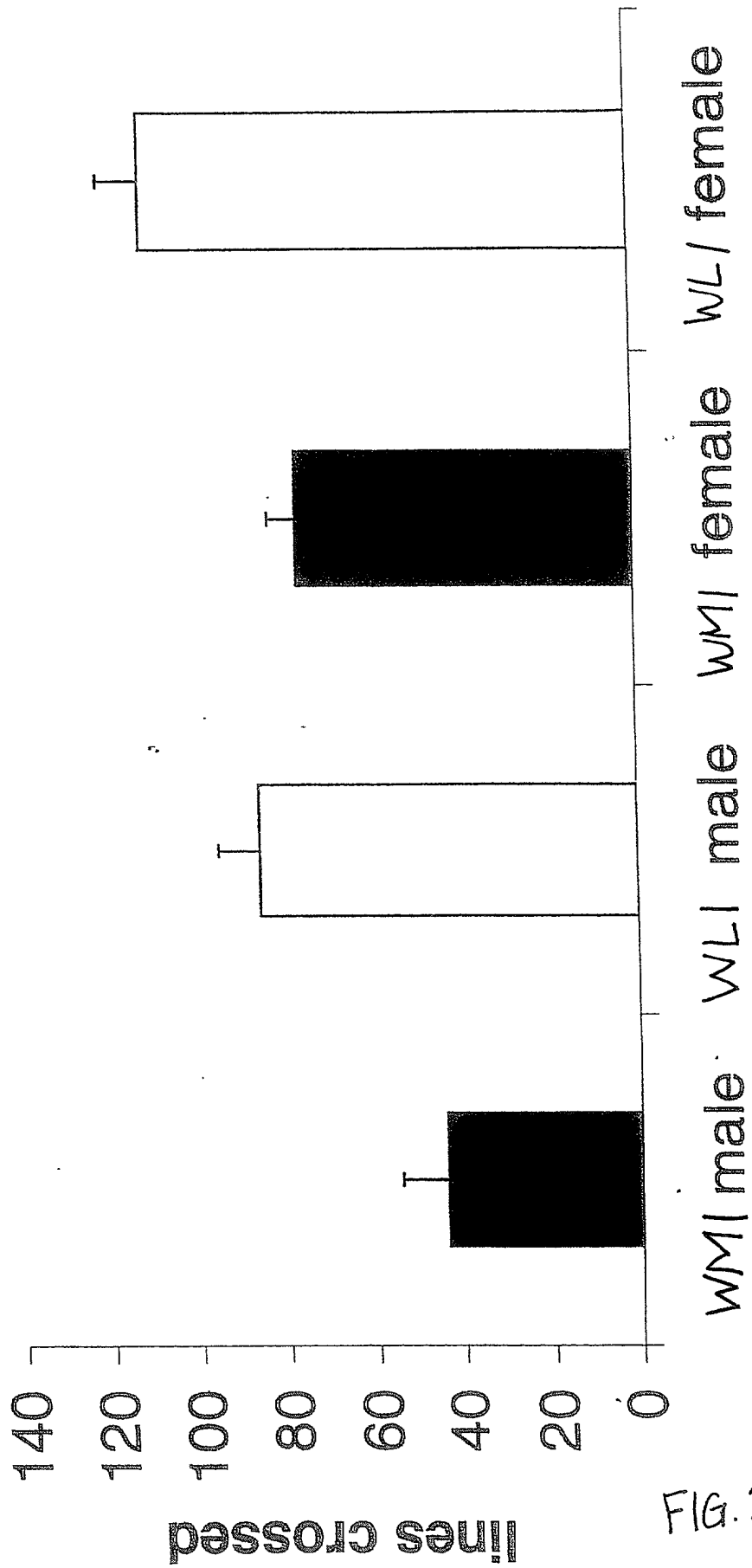


FIG. 2

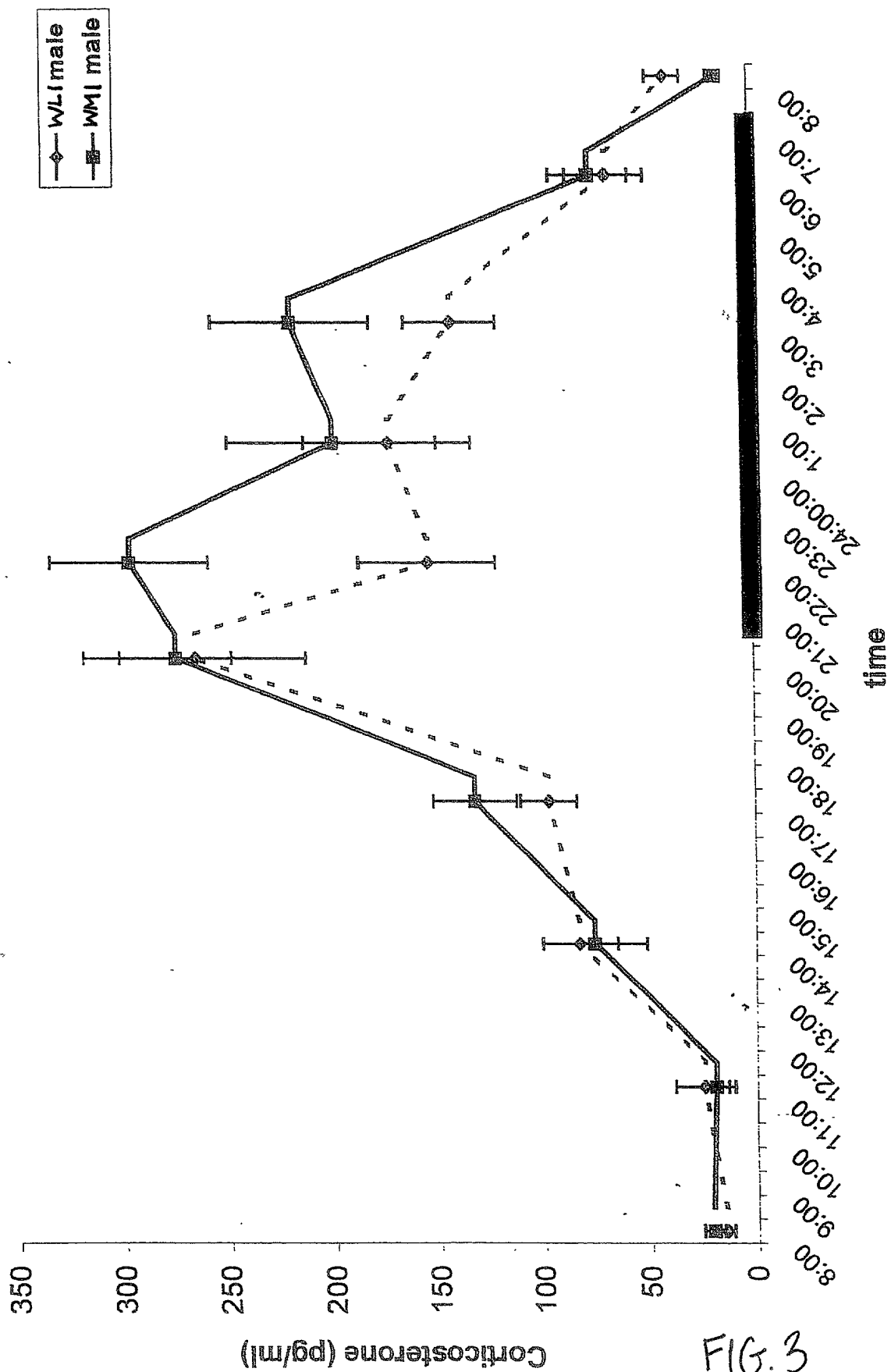


FIG. 3

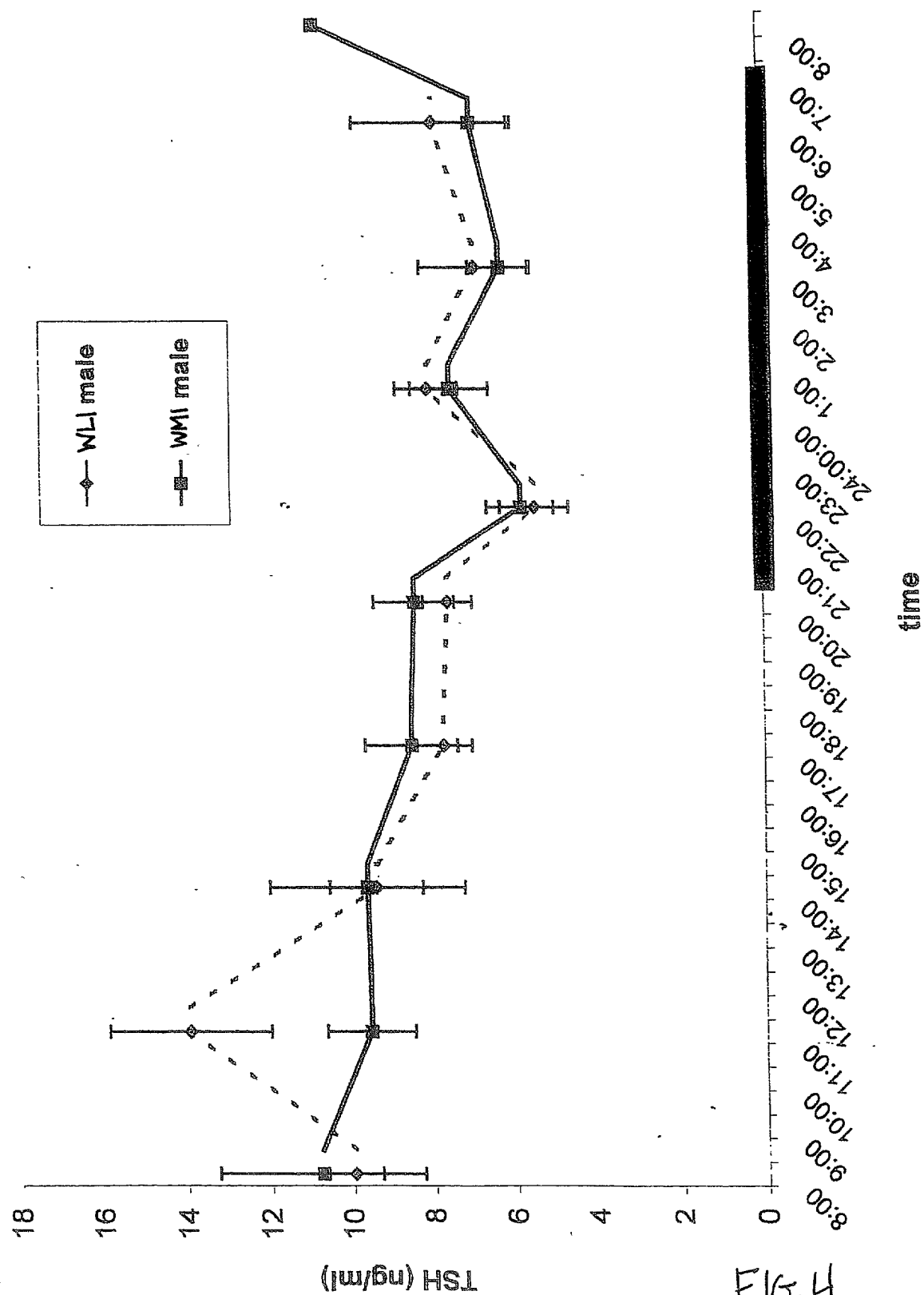


FIG. 4

FIG. 5

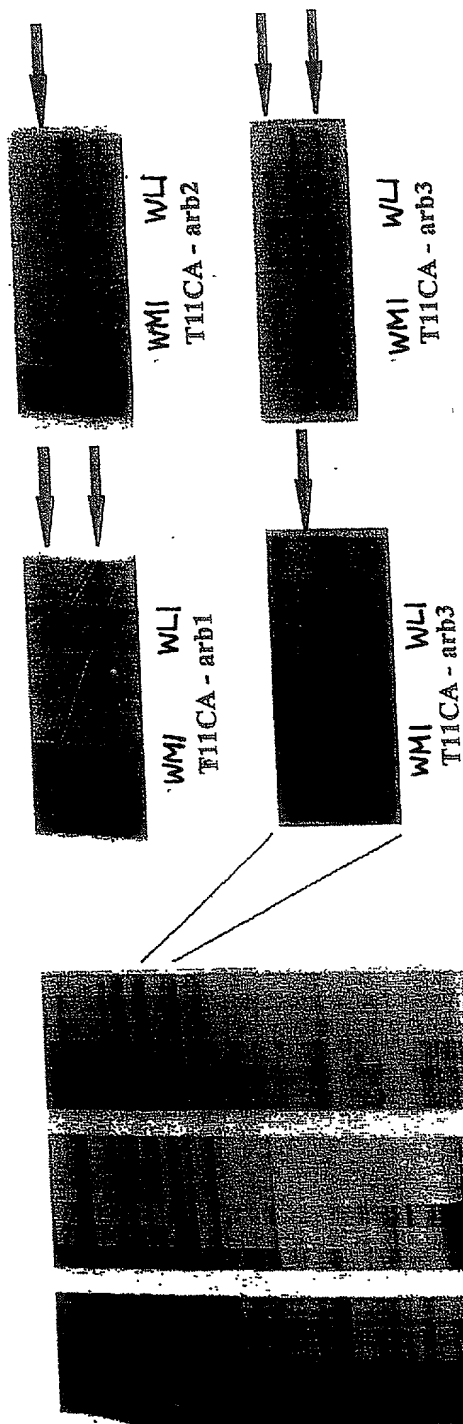


FIG. 5

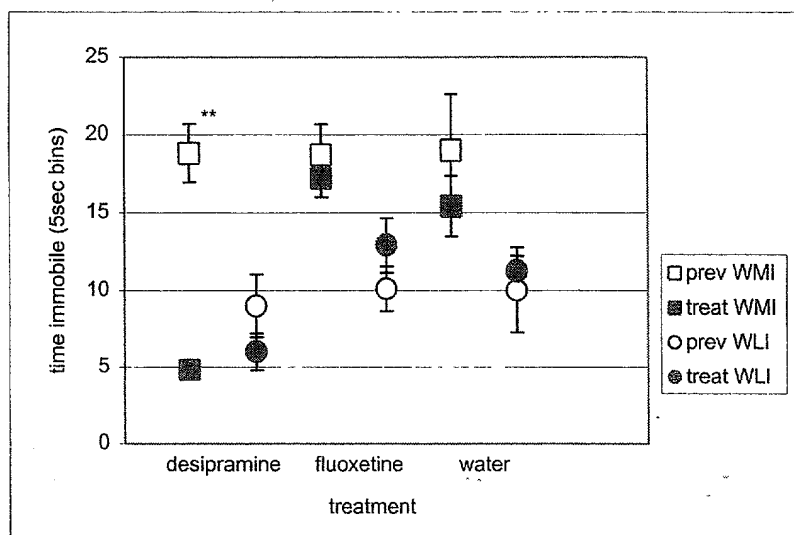


FIG. 6

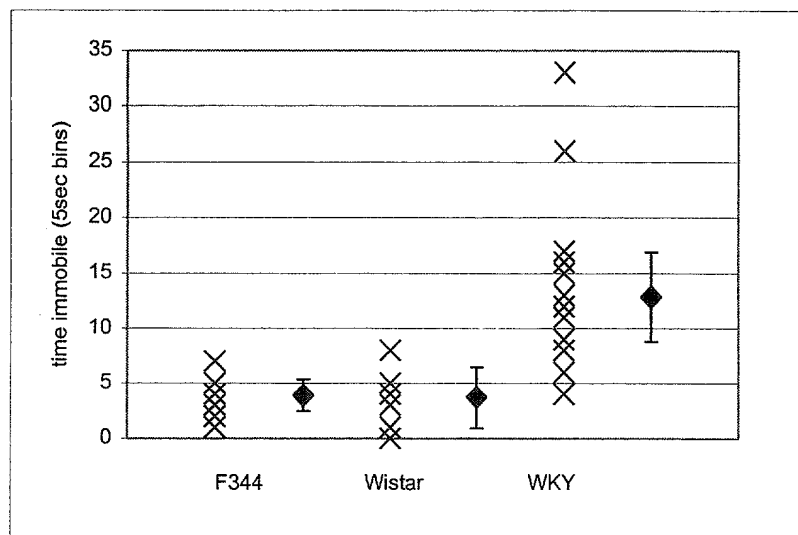


FIG. 7

FIG. 8A

1 ggtagccact ttggacttat cttcaagaat gtgacatttg tgtaaatatt ctttgcttcc
61 ccatggcctc accgtgccac aacagtgtta cgtgttttgac actcactgct tgtgcaccca
121 tcacttctga tgtatggcag ttttgggtca ataatatttatt ctccgaggtc accccaaccg
181 ttgtgagtct aggttaaaat attttgtttt agcccattag gttgttttta tataattgaa
241 aaatttttta gttcataattt agggcttctc cgtcttattg ggagattcca gcctcttcac
301 ctagtaaat aaagctccat atttcactga ttgaaagtaa gagacagttg aacctcgtt tagccattca
361 ttctaagtc taattaagga acaagtgatt atgctacctt tgcacgggtca ggataccgcg
421 gccgtttaac tttagtcact gggcaggcaa tgcctctaata cttgttatgc tagaggtatg
481 tttttggtaa acaggcgggg ttcattgtttg ccgagttcct tttacttttt aatctttcct
541 taaagcacgc ctgtgttggg ctacagagt agggataggt aattctattg ttgggttagt
601 acctatgatt cgataattga caatggttat ccgggttgct atacacttgt gctaggagag
661 gcaatggaac cctgcgagct gcagaacgag ctagtgtcag ccgaaggccg gaaccggaag
721 gcggtgctgt gccagcgttg tggctctcgg gtgctgcagc cagggactgc tcttttctct
781 cgccggcagc ttttcctccc ctccatgagg aagaagccgg atctggtgga cggcagcaat
841 cctgatggtg atgtcctcga ggaacactgg ctggttaatg acatgttcat ctttgagaac
901 gtgggcttta ccaaggacgt gggcaacgct aagttttctag tctgtgcaga ctgtgagatt
961 ggaccattg gctggcattg cctagatgac aagaacagct tctatgtggc cttggagcga
1021 gtttcccacg agtaactgag gggtttggga cttggctcca cctagctat aaagctctgc
1081 ccacaagaac cgacactgat gtgtcagcag tgctggcaga cttcttggtta ctaataaag
1141 caccggtgtt tgcccttgaa cttgcagagg gccggtcctg ttctctcagg cctcagagca
1201 tgtctcctac ttagtcctct ctgtcacatg tgctcctagag ccctttcccc tgacttggaa
1261 catggaagaa cacgcgagt ctctaccagt gtagtctggt tccggcactc tgcctccgca
1321 cctcgatgcc aagctctctt cttctcagca agaacaacat tcatcttttag ccatcacgac
1381 gggaactaag atgctaatat ttgaaactcc acctttcctc attctagaag ccaagtgtga
1441

FIG. 8B

1501 tagggtgcac atctgtaatc ctagggtcttg agtgggtaga ggcaggaaga tcaggagttc
1561 aagggcagcc ttagctacat agactgggcc aagtgagatg ttgtctcaaa aaacataaag
1621 catacaagta tttagagagta atctcattgt atgtgacctt cttatctaca gtaatttatt
1681 ctttttaaaa gtaaaacatt tacagatgtc agtatttaaa cctcacttta gatacatttt
1741 tagtactgtg tttagagagcc ttttttccgg gtcaatagtg gcatttttata atgaggacga
1801 acacgactcc tcttccctca gatcttgatc aggtttctct ttttagtcat tccttgcccc
1861 tgatgtcaac cctaaggaaa actcagccct agctgtgtgc cagactctct tghtaaacctg
1921 ttccacggac atttctattg ttatggacaa ggtgttacct tttcttatta ttagccaact
1981 taaatcttca atatgatttc cagttactct gtcatttctc ttctggagtg actcagtagc
2041 ttaaaaggac tctgtgtaaa caggttcaaa tactgtgtca tcatccccct ctctgagggc
2101 ctaaatgtag ataagtagag acttcattat tctcatgcc agagcttagg aagtgggggc
2161 agatcaagag ttcaagggtca gcctcagtta ctataatata aaattcaagg ccagcctgta
2221 ctatggagat cttgtttcaa atgaacaaaa cacaaaaata acaagtagga cctgcataaag
2281 tgacacgtag ttaaaaaatgt ttgctgctct tttagggcac ctgagttcag gaccttgcac
2341 cctcatggga ggtttattcc agttcaagga gatctgcgcc ttctgggtccc tgcagatgcc
2401 ttcatgtgtg tggcaccccat acaaaacaagt gagcacactc gcgtacacac acacacacgc
2461 acgcacgcac gtgaataaaa attttacaaa aaaaaaaaaa

FIG. 9

```
1  cgggctgcgg  cgatggaacc  agcggacgag  ccgagcgagt  tagtgtcagc  cgagggccga
61  aaccggaagg  cggtgctgtg  ccagcgttgc  ggctcccggg  tgctgcagcc  agggaccgct
121 ctcttctctc  gccgacagct  tttccttccc  tccatgagaa  agaagccagc  tctgtctgac
181 ggcagcaatc  ctgacggcga  tctcctccag  gaacactggc  tggttgagga  catgttcatt
241 tttgagaatg  tgggcttcac  caaggacgtg  ggcaacatca  agtttctggt  ctgcgccagc
301 tgtgaaatg  gaccaattgg  ctggcattgc  ctagatgaca  agaacagtct  ctatgtggcc
361 ttggaacgag  ttcccatga  gtaactgagg  ggaggggtac  tcagctccat  ctccaaagat
421 aaacctactc  ccacaagaa  ctggccttta  atgtggtata  actgttccgc  tgccttcttg
481 tctgtgtgct  aatataaata  ctgagtacca  gcatgtccat  ttgaacatgc  aaagggttaa
541 tcctgcttcc  taaagcctca  agtacatgcc  tcctgcttag  ttcactttgt  atcacatttc
601 ctaagctccc  ttttccccc  gttttgggac  actgtgctta  cctccaaaaa  tctcatctct
661 tccctggcat  tctccctagg  ctctgttttg  cccagggtc  ccgctttttc  ttgctctaga
721 ggagcagtat  tcaacctttt  agctatgatg  acacataaca  aaagatgttt  atgtactaat
781 agttgaaatc  tgcctttttc  tcattcaaga  aggcatacaa  atatctgaga  gtgactttgt
841 tgtatggcta  cccttgtgat  ctacagtaat  ttattcttct  taaaaagtaa  gcatctctca
901 aacaaaaaaa  aaaaaaaaaa  gg
```

FIG. 10

1 gcgaagctta gagcggttaac cttttaagtt aaagtttagag acaacaaatc tccacaatga
61 catgccacaa ctagacacat ccacatgatt tattacaatc atctcctcaa tagccacact
121 atttatttta tttcaattaa aaatttcttc ccaaccttt cctgcacctc cctcacccaa
181 aactatagcc acagaaaaaa cgaataaccc ttgagaatca aaatgaacga aaatctattt
241 gcctctttca ttacccccc atcagaacgc ctaatcgca accgactaca ctcatattcaa
301 ccatcaattc tattcccac aataataggt ctaccaattg ttgtgaccat tattatgttc
361 cactgactaa tcaaaacttat catcaaaaca ataattgtta tccacacacc aaaaggacga
421 acctgagccc taataattgt atccctaatt atattttattg gctcaaccaa ctttctaggg
481 cttcttcccc atacatttac ccctaccact cagctatcta taaacctaaag catagccatc
541 cccctatgag caggagccgt aattctaggc ttccgacaca aactaaaaaa ttctttagcc
601 cacttctcac cgcaaggaaac ccccatctca ctaattccca tactaatcat catcgaaact
661 atcagcctat ttattcaacc gatagcacta gcagtacgac taacagcaaa cattacagca
721 ggccatctat taatgcatct aatcggagga gctaccctag tacttataga catcagccca
781 ccaaccgcta caattacatt tattattcta ctttactta cagtacttga atttgccgta
841 gccttaattc aagcctatgt attcacctt ctagtaagcc tgtacctaca tgataacaca
901 taatgaccca ccaaaccat gcataccata tagtaaacc aagcccatga ccactaacag
961 g

FIG. 11

1 atgaacgaaa atctgttcgc ttattcatt gcccacaaa tcctaggcct accgccgca
61 gtactgatca ttctatttcc ccctctattg atccccacct ccaatatatct catcaacaac
121 cgactaatca ccaccaaca atgactaatc aaactaacct caaaacaaat gataaccata
181 cacaacacta aaggacgaac ctgatctctt atactagtat ccttaatcat ttttattgcc
241 acaactaacc tcctcggact cctgcctcac tcattttacac caaccaccca actatctata
301 aacctagcca tggccatccc ctatgagcg ggcgcagtga ttataggctt tcgctctaag
361 attaaaaatg cctagcccca ctctttacca caaggcacac ctacacccct tatccccata
421 ctagttatta tcgaaacccat cagcctactc attcaaccaa tagccctggc cgtacgccta
481 accgctaaca ttactgcagg ccacctactc atgcacctaa ttggaagcgc caccctagca
541 atatcaacca ttaaccttcc ctctacactt atcatcttca caattctaat tctactgact
601 atcctagaaa tcgctgtcgc cttaatccaa gcctacgttt tcacacttct agtaagcctc
661 tacctgcacg acaacacata a